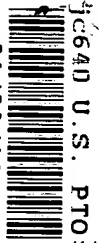
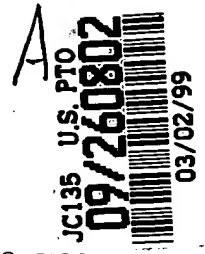


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FORM PTO-1082 (modified)

Case Docket No.: 3459-11

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir: Date: March 2, 1999

Transmitted herewith for filing is the patent application of

Inventor(s): Linda Hoffberg et al.

For: ADAPTIVE PATTERN RECOGNITION BASED CONTROLLER APPARATUS  
AND METHOD AND HUMAN-FACTORED INTERFACE THEREFORE

Enclosed are:

- [X] Specification - 212 pages
- [X] Thesis
- [x] Claims - 17 pages
- [x] Abstract - 1 page
- [X] 29 Sheets of drawing. (FIGS. 1-32)
- [x] 31 Sheets of Informal Drawings
- [x] 18 Sheets of Draft Figures
- [ ] A certified copy of a \_\_\_\_\_ application (priority document).
- [x] A declaration and power of attorney.
- [ ] Assignment
- [ ] Assignment recordation cover sheet
- [ ] Check for \$40.00 Assignment recordation fee
- [x] Verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27

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Page Two

- [x] Notice of Revocation of Power of Attorney and Change of Address
- [x] Notice of Change of Applicants' Addresses
- [x] Request for Interference under 37 CFR 1.607
- [x] Preliminary Amendment - 45 pages
- [x] Priority is hereby claimed (35 USC §120) on the basis of the following:

Country	Serial No.	Date
<u>U.S.</u>	<u>07/812,805</u>	<u>December 23, 1991</u>

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	SMALL ENTITY		OTHER THAN A SMALL ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE				\$ 380.00	OR		\$ 760.00
TOTAL CLAIMS	34- 20=	14	x 9=	\$ 126.00	OR	x 18=	\$
INDEP CLAIMS	8- 3=	5	x 39=	\$ 195.00		OR	x 78= \$
[ ] MULTIPLE DEPENDENT CLAIM PRESENTED			+130=	\$	OR	+260=	\$
			TOTAL	\$ 701.00	OR		\$

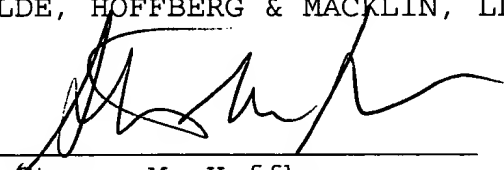
\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

[x] A check in the amount of \$ 701.00 to cover the filing fee is enclosed.

[x] Please charge any insufficiency of fee, or credit any excess, to Deposit Account No. 50-0427.

MILDE, HOFFBERG & MACKLIN, LLP

By

  
Steven M. Hoffberg  
Reg. No. 33,511

914-949-3100

"Express Mail" mailing label.

Number EJ671994859US  
Date of Deposit March 2, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hoffberg et al  
Filed : March 2, 1999  
Serial No. : Continuation of 07/812,805  
For : ADAPTIVE PATTERN RECOGNITION BASED CONTROLLER  
APPARATUS AND METHOD AND HUMAN-FACTORED  
INTERFACE THEREFORE

March 2, 1999

Hon. Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Dear Sir:

REQUEST FOR INTERFERENCE UNDER 37 C.F.R. 1.607

Applicants hereby request that an interference be declared between the present patent application and unexpired U.S. Patent Nos.: 5,724,567; 5,754,939; 5,758,257; 5,798,785; 5,867,118; and 5,867,205.

The proposed counts are:

Count 1. An apparatus, comprising:

means for storing a plurality of content records;

means for accessing the content records;

means for storing a user profile;

means for relating content records with a stored user profile;

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means for presenting to the user the related content records;  
means for receiving a user feedback on said relation; and  
means for updating the user profile based on said the feedback.

Corresponding claims of application: 35-39

Corresponding to all claims of US 5,724,567

Count 2. A method, comprising:

storing a plurality of content records;  
storing a user profile;  
receiving a user request for content records;  
relating content records with a stored user profile; and  
presenting to the user the related content records.

Corresponding claims of application: 40-46

Corresponding to all claims of US 5,758,257

Count 3. A method, comprising the steps of:

automatically generating a user profile representing an interest summary based on a  
history of access to objects; and  
storing the user profile in memory.

Corresponding claims of application: 47-57

Corresponding to all claims of US 5,754,939

Count 4. A system, comprising:

a customer profile, said customer profile indicating the respective customer's preferences for data;

means for monitoring a history of data objects accessed by the customer; and

means for automatically updating the customer profile in accordance with the content profiles accessed by the customer to automatically update the customer profile to represent the customer's preferences.

Corresponding claims of application: 58-65

Corresponding to all claims of US 5,754,939

Count 5. A system, comprising:

means for receiving subscriber specific data;

means for receiving program control information; and

program selection means, operably connected to the storing means and the receiving means, for selecting one or more programs using the user subscriber specific information and the program control information.

Corresponding claims of application: 66-91

Corresponding to all claims of US 5,798,785

Count 6. A method, comprising the steps of:

receiving subscriber specific data;

receiving program control information; and

selecting one or more programs using the user subscriber specific information and the program control information.

Corresponding claims of application: 92-100

Corresponding to all claims of US 5,798,785

Count 7. A method for controlling rendering of a signal having a plurality of channels, said method comprising:

(a) analyzing textual information decoded from a signal having a plurality of channels to determine whether channel contents of said channels are among channel contents defined by selection data; and

(b) arbitrating display and/or record resource contentions among said analyzed channels having channel contents defined by said selection data.

Corresponding claims of application: 101-107

Corresponding to all claims of US 5,867,205

Count 8. A method of classifying a pattern, said method comprising the steps of:

acquiring a signal, said signal including an input pattern to be classified;

sampling the acquired signal to produce an intermediate pattern based on said signal;

performing a transform on at least a portion of said intermediate pattern, said transform being from the group consisting of wavelet transforms and wavelet packet transforms, to produce a wavelet transformed pattern;

selecting a reduced feature space from the wavelet transformed pattern; and

classifying said input pattern on the basis of said reduced feature space.

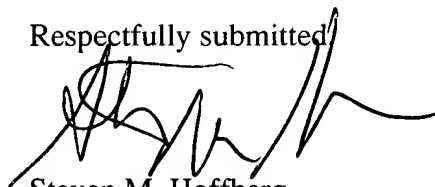
Corresponding claims of application: 108-112

Corresponding to all claims of US 5,867,118

The present request under 37 C.F.R. 1.607 is presented within one year of the issuance of each of the above-identified US patents. Dependent claims of the application are copied, in sum or substance, from the corresponding patents.

It is respectfully submitted that the present application should be placed into interference with the above-identified patents.

Respectfully submitted



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